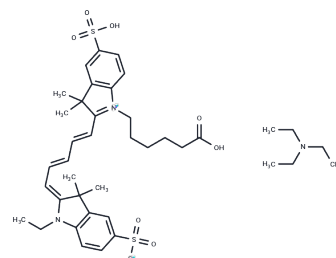


Data Sheet (Cat.No.T15025L)

CY5 triethylamine salt

Chemical Properties

CAS No. :	T15025L
Formula:	C ₃₉ H ₅₅ N ₃ O ₈ S ₂
Molecular Weight:	758
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	CY5 triethylamine salt is a water-soluble dye, Excitation (nm):649, Emission (nm): 670.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 27mg/mL (35.6mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3193 mL	6.5963 mL	13.1926 mL
5 mM	0.2639 mL	1.3193 mL	2.6385 mL
10 mM	0.1319 mL	0.6596 mL	1.3193 mL
50 mM	0.0264 mL	0.1319 mL	0.2639 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Xu W, et al. Fluorogenic sydnonimine probes for orthogonal labeling. Org Biomol Chem. 2022 Aug 3;20(30):5953-5957.

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